### Thermoelectric Module Specifications

<table>
<thead>
<tr>
<th>Material Specifications (27 °C hot side temperature)</th>
<th>Material Specifications (50 °C hot side temperature)</th>
<th>Module material specifications are nominal values based on the hot-side temperature indicated. Thermoelectric material parameter tolerance is +/−10%.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vmax (V)</td>
<td>8.8</td>
<td>In no case should the module temperature be allowed to exceed its maximum operation/storage temperature.</td>
</tr>
<tr>
<td>Imax (A)</td>
<td>7.9</td>
<td>Please review all product and technical information, Thermoelectric Module Mounting Procedure, parameter definitions, FAQ’s, and ordering information posted on our website before purchasing or using this product.</td>
</tr>
<tr>
<td>Qmax (W)</td>
<td>43.0</td>
<td></td>
</tr>
<tr>
<td>DTmax (°C)</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>Operation/storage temperature</td>
<td>-40 °C to +200 °C</td>
<td></td>
</tr>
</tbody>
</table>

**Thermoelectric Module**

- **Vmax (V)**: 8.8
- **Imax (A)**: 7.9
- **Qmax (W)**: 43.0
- **DTmax (°C)**: 69
- **Operation/storage temperature**: -40 °C to +200 °C

#### Optional Features and Notes:

- **Width, A (mm)**: 30 ±0.5/−0.2
- **Width, B (mm)**: 30 ±0.5/−0.2
- **Height, H (mm)**: 3.6 ±0.05
- **Flatness, F (mm)**: 0.02
- **Parallelism, P (mm)**: 0.03
- **Wire Size, WS (mm²)**: 0.33 (22 AWG)
- **Wire Length, WL (mm)**: 120

Optional Features and Notes:

- Add “P” to part number for sealing module with epoxy potting.
- Maximum operating/storage temperature with potting is 150 °C
- Performance graphs include thermal resistance of substrates.

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**Note:** All specifications are subject to change without notice. © 2018 TE Technology, Inc. VT-71-1.4-1.15 43543 Page 1 of 7
Unpotted VT-71-1.4-1.15 at a hot-side temperature of 30 °C
Potted VT-71-1.4-1.15 at a hot-side temperature of 30 °C
Unpotted VT-71-1.4-1.15 at a hot-side temperature of 50 °C

Note: All specifications subject to change without notice.
Potted VT-71-1.4-1.15 at a hot-side temperature of 50 °C
Unpotted VT-71-1.4-1.15 at a hot-side temperature of 70 °C
Potted VT-71-1.4-1.15 at a hot-side temperature of 70 °C